



Dear Madam or Sir,

**Lumics GmbH, Berlin** announces a unique Diode Laser for solid state and fiber laser pumping: **Tm, Er, Nd** and **Yb**. We call it the **LuOcean** line: No limits for your pump configuration!

The **LuOcean** emits either cw or up to 300W pulsed power out of a 300 or 600µm fiber. Also, a collimated free space beam is available. Key benefit of this laser is the ultra small footprint and a weight of only about 400 grams (15oz). For example: in an end-pumped NdYAG configuration, the **LuOcean** can be built directly without fiber into the laser head. An **Er** or **Tm** fiber-laser can be designed very slim.



The **LuOcean** comes with a wavelength tolerance of +/-3nm for each absorbing material. A water cooled base plate and optional Peltier elements (TEC) for stabilization and fine tuning of the output power and wavelength can be provided. This way it is ensured that always best possible efficiency will be achieved for your final laser product.

For prototype-development a complete turn key solution including TEC-control can be offered. Once your solid state laser turns into a successful product we are offering attractive OEM pricing and delivery on demand.

For other applications, for example medicine or materials processing, **LuOcean** is the first choice. We like to discuss your needs. See us on ICALEO in Anaheim on Sep 28<sup>th</sup>!

Lumics GmbH in Berlin produces laser diodes (single and multimode) and systems based on single emitter, direct diode technology, manufactured under ISO 9000 conditions.

For more information, please find the detailed [data sheets](#) on our website [www.lumics.com](http://www.lumics.com).

We are looking forward to working with you.

***Your ideas are welcome.***

kind regards,

*Your Lumics Team*



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